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L1: Entry 1 of 1

File: DWPI

Nov 13, 2001

DERWENT-ACC-NO: 2000-038677

DERWENT-WEEK: 200173

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TITLE: Electronic fund transfer system for banks

INVENTOR: COTTON, R M; PAWELCZYK, J S ; THOMAS, G F ; WOOD, A G

PATENT-ASSIGNEE:

ASSIGNEE

CODE

CLEARING HOUSE SERVICE CO LLC

CLEAN

PRIORITY-DATA: 1998US-0066702 (April 27, 1998), 2000US-0526430 (March 15, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6317745 B1	November 13, 2001		000	G06F017/30
<u>WO 9956219 A1</u>	November 4, 1999	E	081	G06F015/21
US 6173272 B1	January 9, 2001		000	G06F017/60

DESIGNATED-STATES: CA MX

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6317745B1	April 27, 1998	1998US-0066702	Div ex
US 6317745B1	March 15, 2000	2000US-0526430	
WO 9956219A1	April 27, 1999	1999WO-US09064	
US 6173272B1	April 27, 1998	1998US-0066702	

INT-CL (IPC): G06 F 15/21; G06 F 17/30; G06 F 17/60

ABSTRACTED-PUB-NO: US 6173272B

BASIC-ABSTRACT:

NOVELTY - The trusted third party station (13) in response to universal identifier number received from home banking system (40), generates routing or transit number of payee's bank and account number, to facilitate transfer of amount owed to payee's account to bank of payee.

DETAILED DESCRIPTION - A home banking system (40) communicates electronically with the payer station (30) and trusted third party system (13). The home banking system generates universal identifier number uniquely identifying the payee, upon receipt of payment order from payer station and transmits it to trusted third party system. INDEPENDENT CLAIMS are also included for electronic fund transfer method and a computer readable medium containing a computer program to be executed on the third parties system.

USE - For electronic fund transfer between payer and payee in banks.

ADVANTAGE - Since the payer's home banking system is aware only of universal identifier and does not know billers account or routing number, confidentiality of the system is improved.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of electronic banking system.

Third party system 13

Payer station 30

Home banking system 40

ABSTRACTED-PUB-NO:

US 6317745B

EQUIVALENT-ABSTRACTS:

NOVELTY - The trusted third party station (13) in response to universal identifier number received from home banking system (40), generates routing or transit number of payee's bank and account number, to facilitate transfer of amount owed to payee's account to bank of payee.

DETAILED DESCRIPTION - A home banking system (40) communicates electronically with the payer station (30) and trusted third party system (13). The home banking system generates universal identifier number uniquely identifying the payee, upon receipt of payment order from payer station and transmits it to trusted third party system. INDEPENDENT CLAIMS are also included for electronic fund transfer method and a computer readable medium containing a computer program to be executed on the third parties system.

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Third party system 13

Payer station 30

Home banking system 40

WO 9956219A

CHOSEN-DRAWING: Dwg.2A/12

TITLE-TERMS: ELECTRONIC FUND TRANSFER SYSTEM BANK

DERWENT-CLASS: T01 T05

EPI-CODES: T01-H07C5E; T01-J05A1; T01-J12C; T05-L02;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-029198

Filing Language: English
Fulltext Word Count: 11576

Fulltext Availability:
Claims

Claim

I. A method for tokenless authorization of an electronic payment between a payor and a payee using an electronic **third party** identifier and at least one payor biometric sample, said method comprising the steps of: a. a payor registration step, wherein the payor registers with an electronic **third party** identifier at least one registration biometric sample, and at least one payor credit/debit account...

...a payee registration step, wherein the payee registers a payee identification data with the electronic **third party** identifier;
c. a transaction formation step, wherein an electronic financial transaction is formed between the...

...identification data, the transaction amount, and payor biometric sample are electronically forwarded to the **third party** electronic identifier;
e. a payor identification step, wherein the electronic **third party** identifier compares the biometric sample with at least one registered biometric sample for producing...

...successful or failed identification of the payor; f. a payee identification step, wherein the electronic **third party** identifier compares the payee's biometric identification data with a payee's registered identification data...

...as smartcards or magnetic swipe cards to transfer funds from the payor's credit/debit **account** to the payee's financial **account** .
29

. The method of Claim I wherein the payee identification data comprises any one of...

...a payee telephone number, a payee email address, a payee digital certificate code, a payee **account** index, a payee financial **account** number, a payee biometric, and a payee biometric and PIN **combination** .

3 The method of Claim I wherein the payee registration step further comprises registering a...

12/3, K/39 (Item 39 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT
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00524867 **Image available**

ELECTRONIC FUNDS TRANSFER METHOD AND SYSTEM AND BILL PRESENTMENT METHOD AND SYSTEM

SYSTEME ET PROCEDURE DE TRANSFERT DE FONDS ELECTRONIQUES ET SYSTEME ET PROCEDURE DE PRESENTATION DE FACTURE

Patent Applicant/Assignee:

THE CLEARING HOUSE SERVICE COMPANY L L C,

Inventor(s):

THOMAS George F,
WOOD Albert G,
PAWELCZYK Joseph S,
COTTON Robert M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9956219 A1 19991104

Application: WO 99US9064 19990427 (PCT/WO US9909064)

Priority Application: US 9866702 19980427

Designated States: CA MX

Publication Language: English

Fulltext Word Count: 15474

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... regarding the
payor's bank.

To further these objects, a funds transfer system for facilitating **electronic funds transfer** between a payor and a payee by means of an intermediate trusted **third party** is provided. The funds ...communicate electronically with the payor station, to receive the payment order, and with the trusted **third party**; a trusted **third party** system associated with the trusted **third party**, the trusted **third party** system comprising a computer structured to communicate electronically with both the home banking system and...

...is

operable, upon receipt of the payment order from the payor station, to generate a **universal** identifier number uniquely identifying the payee and to transmit electronically the **universal** identifier number to the trusted **third party** via a communication with the trusted **third party** system. The trusted **third party** system computer is operable, in response to receipt of the **universal** identifier number from the home banking system, to identify the payee as a party to...

...generate a routing/transit number of the bank of the payee and the payee's **account** number from the **universal** identifier number, and to communicate electronically with the bank of the payee to facilitate transfer of the amount owed to the payee's **account** to the bank of the payee. Preferably, the home banking system computer has stored therein a database, supplied by the trusted **third party**, including name and address information of the payee and the **universal** identifier number, and not including corresponding routing/transit and **account** number information of the payee.

To further these objects, a method of **electronic funds transfer** between a payor and a payee by an intermediate trusted **third party** is provided. The method comprises the steps of: upon receipt by the trusted **third party** of a **universal** identifier number uniquely identifying the payee and generated, in response to a payment order from...

...information stored on a database resident at the home banking system, generating, at the trusted **third party**, from the received **universal** identifier number a routing/transit number of the payee's bank and the payee's **account** number to identify the payee as a party to receive payment, the routing/transit number of the payee's bank and the payee's **account** number being known only to the trusted **third party**; and communicating, by the trusted **third party**, with payee's bank to
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facilitate transfer of an amount owed by the payor to the payee to the payee's **account** in the payee's bank.

The method preferably further comprises the steps of generating the...system of a payor and

an account of a payee. The system comprises: a
trusted **third party** structured to communicate with both
the home banking system and a bank of the payee
maintaining payee's **account**, means associated with the
home banking system for transmitting a **universal**
identifier number to the trusted **third party** in
response to receipt by the home banking system of a
payment order from the payor, the **universal** identifier
number uniquely identifying the payee; means associated
with the trusted **third party** operable in response to
receipt of the **universal** identifier number from the
home banking system to identify the payee as a party to
receive payment, and for converting the **universal**
identifier number so as to identify the routing/transit
number of the payee's bank and the payee's **account**
number; and means associated with said trusted **third**
party for communicating with payee's bank to facilitate
payment in accordance with payor's payment order to
payee's **account**.

To further the above objects of the present invention,
there also is provided a method...

...further the above objects of the present invention,
there also is provided a method of **electronic funds**
transfer between a payor and a payee by an intermediate
trusted **third party**, the trusted **third party** having
previously distributed to a home banking system of the
payor a database including **universal** identifier numbers
uniquely identifying **accounts** including that of the
payee. The method includes the steps of: receiving,
at the home identifying, at the home banking system,
the **universal** identifier number uniquely identifying
payee's **account** from information stored in the
- 12
database; and transmitting, by the home banking system,
the **universal** identifier number identified in the
identifying step, to the trusted **third party** to
facilitate payment to payee's **account**.

To further the above objects of the present invention,
there also is provided a computer...

Claim

1 A funds transfer system for facilitating
electronic funds transfer between a payor and a payee
by means of an intermediate trusted **third party**, said
system comprising:
a payor station including a device for electronic
communication of a payment...

...communicate electronically with the payor
station, to receive the payment order, and with the
trusted **third party**;
a trusted **third party** system associated with the
trusted **third party**, said trusted **third party** system
comprising a computer structured to communicate
electronically with both the home banking system and...

...being operable,
upon receipt of the payment order from the payor
station, to generate a **universal** identifier number
uniquely identifying the payee and to transmit
electronically the **universal** identifier number to the
trusted **third party** via a communication with the
trusted **third party** system; and
said trusted **third party** system computer being
operable, in response to receipt of the **universal**

identifier number from the home banking system, to
identify the payee as a party to...

...generate a routing/transit number of the bank of the
payee and the payee's **account** number from the **universal**
identifier number, and to communicate electronically
- 50

with the bank of the payee to facilitate transfer of
the amount owed to the payee's **account** to the bank of
the payee.

2 A funds transfer system according to claim 1...system
of a payor and an account of a payee, said system
comprising:

a trusted **third party** structured to communicate
with both the home banking system and a bank of the
payee maintaining payee's **account** ,
means associated with said home banking system for
transmitting a **universal** identifier number to said
trusted **third party** in response to receipt by said home
banking system of a payment order from the payor, said
universal identifier number uniquely identifying the
payee;

means associated with said trusted **third party**
operable in response to receipt of the **universal**
identifier number from the home banking system to
identify the payee as a party to receive payment, and
for converting the **universal** identifier number so as to
identify the routing/transit number of the payee's bank
and the payee's **account** number; and

means associated with said trusted **third party** for
communicating with payee's bank to facilitate payment
in accordance with payor's payment order to payee's
account .

26 A method for electronic bill presentment between a
biller and a payor by an...resident in a master database
resident at the trusted third party.

28 A method of **electronic funds transfer** between a
payor and a payee by an intermediate trusted **third**
party , the trusted **third party** having previously
distributed to a home banking system of the payor a
database including **universal** identifier numbers
uniquely identifying **accounts** including that of the
payee; said method including the steps of:
receiving, at the home...

...the home banking system of the
payment order, identifying, at the home banking system,
the **universal** identifier number uniquely identifying
payee's **account** from information stored in the
database; and
transmitting, by the home banking system, the
universal identifier number identified in said
identifying step, to the trusted **third party** to
facilitate payment to payee's **account** .

29 A computer-readable medium for storing data for
access by an application program being...

12/3,K/40 (Item 40 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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METHOD AND SYSTEM OF ENCODING AND PROCESSING ALTERNATIVE HEALTHCARE

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Author/Editor:	<u>John Faschine K</u>
Journal/Book Title:	<u>PC week</u>
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PRODUCT NAMES: TRADEX Commerce Center (743623)

TITLE: Plasticnet Looks To Build A Market

AUTHOR: Jones, Kevin

SOURCE: Interactive Week, v5 n19 p49(1) May 18, 1998

ISSN: 1078-7259

HOME PAGE: <http://www.interactive-week.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Trade'ex Electronic Commerce Systems Incorporated's Market Maker will be moving Plasticsnet.com into being a full-fledged e-commerce site. Plasticsnet.com, a Web site built by Nick and Tim Stojka, receives questions from thousands of plastics industry engineers each week. As a result, Commerx.com is moving to the next step. It will transform Plasticsnet into an **intermediary** between plastics buyers and sellers. This will be a totally new addition to the Plasticsnet site, which now only provides information. The plastics market consists of many suppliers and buyers. No one supplier is dominant. There are 12,000 to 15,000 plastic processing companies and 5,000 companies which supply them. For this reason, the Stojkas think that their site can change the way plastics are bought and sold by **consolidating** the process on their Web site. Plasticsnet currently provides a minimal amount of commerce by letting users e-mail vendors from the site. The Stojkas' plan comes in three parts. First, they are setting up an online procurement site to link buyers and sellers. Second, they are establishing an online marketplace where customers can shop. Third, Commerx is going to handle the receivables in order to provide buyers a single **invoice** and to allay any fears about the insecurity of Web commercial **transactions**.

COMPANY NAME: Ariba Inc (635961)

DESCRIPTORS: EDI (Electronic Data Interchange); Internet Marketing;
Plastics; Purchasing

REVISION DATE: 20020124

9/5/25

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DOCUMENT TYPE: Review

PRODUCT NAMES: Oracle 8 (004233); Tribeca (695572); Oracle AS 4.0 (677396)

TITLE: Banking on Tribeca Billing Service

AUTHOR: Taschek, John

SOURCE: PC Week, v15 n17 p17(1) Apr 27, 1998

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Microsoft's/Financial Data's MSFDC, Oracle's Oracle 8 and Oracle Application Server 4.0, and IBM's Gold are products highlighted in a discussion of Oracle's Tribeca, an electronic **bill payment** and presentment system. Tribeca will compete with products from IBM and Microsoft and services from industry leader **CheckFree**. MSFDC is a **fee**-based service, a type of service that some companies and banks avoid. Oracle, however, will sell its software and technology and allow companies and banks to use them as they wish. Any user who does direct **billing** should look at Tribeca because electronic **billing** is a \$1 billion industry and more than 200,000 companies could be customers in this market. Oracle 8 and Oracle Application Server 4.0 are required, and Tribeca, which is written completely in Sun Microsystems' Java, is installed as an Oracle